

California Weather-Hydro Conditions during July 2014

As of July 31, statewide hydrologic conditions were as follows: precipitation, 55 percent of average to date, runoff, 35 percent of average to date, and reservoir storage, 60 percent of average for the date. Sacramento River Region unimpaired runoff, for Water Year 2014, observed through July 31, 2014 was about 6.9 million acre-feet (MAF), which is about 39 percent of average. In comparison to Water Year 2014, the observed Sacramento River Region unimpaired runoff through July 31, 2013 was about 11.5 MAF, or about 66 percent of average.

On July 31, the Northern Sierra 8-Station Precipitation Index Water Year total was 29.1 inches, which is about 60 percent of the seasonal average to date and 58 percent of an average water year (50.0 inches). During July, the total precipitation for the 8-Stations was 0.2 inches, or about 100 percent of average for the month. Last year on July 31, the Water Year 2013 seasonal total for the 8-Stations was 44.3 inches, or about 91 percent of average.

On July 31, the San Joaquin 5-Station Precipitation Index Water Year total was 19.6 inches, which is about 49 percent of the seasonal average to date and 48 percent of an average water year (40.8 inches). During July, the total precipitation for the 5-Stations was 0.4 inches, or about 133 percent of average for the month. Last year on July 31, the Water Year 2013 seasonal total for the 5-Stations was 26.2 inches, or about 66 percent of average.

Selected Cities Precipitation Accumulation as of 07/31/2014 (National Weather Service Water Year: July through June)					
City	Jul 1 to Date 2013 – 2014 (in inches)	% Avg	Jul 1 to Date 2012 – 2013 (in inches)	% Avg	% Avg “Water Year” Jul 1 to Jun 30 2013- 2014
Eureka	0.02	10	0.00	0	0
Redding	0.09	90	0.00	0	0
Sacramento	0.01	0	0.00	0	0
San Francisco	0.08	0	0.00	0	0
Fresno	0.01	100	0.00	0	0
Bakersfield	0.00	0	0.00	0	0
Los Angeles	0.17	567	0.03	100	1
San Diego	0.07	233	0.05	167	1

Key Reservoir Storage (1,000 AF) as of 07/31/2014								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	865	1,954	44	2,448	35	---	1,583
Shasta Lake	Sacramento	1,575	3,234	49	4,552	35	-2,977	2,977
Lake Oroville	Feather	1,253	2,579	49	3,538	35	-2,285	2,285
New Bullards Bar Res	Yuba	513	750	68	970	53	-453	453
Folsom Lake	American	406	691	59	977	42	-571	571
New Melones Res	Stanislaus	626	1,467	43	2,400	26	-1,794	1,794
Don Pedro Res	Tuolumne	898	1,548	58	2,030	44	-1,132	1,132
Lake McClure	Merced	212	627	34	1,032	21	-813	813
Millerton Lake	San Joaquin	276	327	84	520	53	-244	244
Pine Flat Res	Kings	140	509	28	1,000	14	-860	860
Isabella	Kern	59	274	22	568	10	-302	509
San Luis Res	(Offstream)	457	996	46	2,041	22	---	1,582

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for August 2014, issued July 31, 2014, suggests no tendency for above or below average rainfall for all of California.